

Upcoming Events

Workshop on Distributed Data Analysis with Applications in Finance and Healthcare
March 21-22, 2016

SAMSI Workshop for Women in Math Sciences
Research Triangle Park, NC
April 6-8, 2016

Methodology for Precision Medicine: Integrating Statistical and Mathematical Approaches Workshop
Research Triangle Park, NC
April 11-12, 2016

SAMSI Games and Decisions in Reliability and Risk Workshop
Research Triangle Park, NC
May 16-20, 2016

REU Reminder

If you are an undergraduate scholar looking for a summer research opportunity now is the time to apply! Many REU programs have opened their application process and have deadlines in late January/early February. We will be including a list of some great REU opportunities in the January issue of *Math Alliance News*, however make sure to visit our website for a listing of many great REU opportunities.

[Click here for Alliance Affiliated REUs](#)

2015 Field of Dreams



Photos from the 2015 Field of Dreams Conference are now online!
[Click here](#) to visit our Flickr page to view all the photos from this year's event.

Also if you haven't filled out the Conference Survey please take a minute to do so. We appreciate all feedback as we plan future events!

The Alliance Welcomes Dr. Helena Noronha & Dr. Leslie McClure to the Alliance Governing Board

The National Alliance of Doctoral Studies in the Mathematical Sciences is pleased to announce two new additions to the Alliance Governing Board. Dr. Helena Noronha, California State University, Northridge, will serve as a representative of undergraduate and masters institutions while Dr. Leslie McClure, Drexel University, will be a voice in the ever expanding fields of Statistics and Biostatistics.



Dr. Noronha earned her Ph.D. degree from the State University of Campinas (UNICAMP), Brazil in 1983. She came to the U.S. in 1986 and subsequently was a Visiting Researcher at UCSB, UCSD, and UCLA before joining the California State University, Northridge (CSUN) faculty in 1990. She served as Program Director for Topology and Geometric Analysis program at the NSF from 2000 through 2002 and from 2009 through 2011. During this time she

also worked with Workforce programs such as VIGRE, MCTP, and MSPRF. She is currently the PI of two NSF grants to increase diversity in mathematical sciences: PUMP, a program to prepare undergraduates to succeed in PhD programs and RE-C², a program to take mathematical research to Community Colleges.

Dr. McClure is a Professor of Biostatistics and Chair of the Department of Epidemiology & Biostatistics at Drexel University. She was a math major as an undergraduate, but felt that she wanted to use her quantitative skills in an applied fashion, and thus found that Biostatistics was the perfect field for her! Dr. McClure has an active research profile, with applied interests in stroke and cardiovascular diseases, and methodological interests in clinical trials methodology, and environmental studies. Dr. McClure has a passion for teaching, and has been recognized for her outstanding contributions to both teaching and mentoring.



Aloysius Helminck to Receive 2016 AMS Distinguished Public Service Award



Congratulations to Alliance Board member and professor of mathematics at North Carolina State University, Aloysius Helminck, on receiving the 2016 AMS Award for Distinguished Public Service. Presented every two years, the AMS Award for Distinguished Public Service recognizes a research mathematician who has made a distinguished contribution to the mathematics profession during the preceding five years. The award will be presented on Thursday, January 7, 2016, at the Joint Mathematics Meetings in Seattle. [Click here](#) to see the full news release.

Career Opportunity: Spelman College



Spelman College seeks teacher/scholars dedicated to excellence in teaching and to the continued enhancement of the academic environment for students and colleagues. Founded in 1881, Spelman College is a private four-year liberal arts college located in Atlanta, GA. The oldest historically Black college for women in the United States, Spelman is a member of the Atlanta University Center Consortium and Atlanta Regional Consortium for Higher Education. All tenure-track candidates are expected to have a demonstrated interest in liberal arts and sciences education, contribute effectively to undergraduate teaching, assist in curriculum development, provide service to the department and College, as well as be active in scholarly, creative, and/or research productivity appropriate to a liberal arts environment.

The **Department of Mathematics** invites applications for a **tenure-track position at the Assistant Professor** level, with a specialization in **Statistics**, beginning August 2016, job code TF0701. This appointment requires teaching, engaging in scholarly research activities, mentoring, and directing undergraduate research. The ideal candidate should be able to teach Probability and Statistics, and Biostatistics, as well as a broad range of courses offered in the department.

JOB REQUIREMENTS:

Qualifications: Ph.D. in Mathematics with a concentration in Statistics, or a Ph.D. in Statistics.

Review of applications will begin on January 14, 2016 and will continue until the position is filled.

Competitive salary and an excellent benefits program are available. To apply for this position, please upload: a letter of interest, including job code, which identifies the position sought; curriculum vitae (with contact information); a one-page statement of teaching philosophy; statement of scholarly, creative or research interests. Excellence in teaching, research and/or scholarly or creative production, and service are required. Copies of official undergraduate and graduate transcripts are required. Names and email addresses of three referees should be provided. Address questions to: provostoffice@spelman.edu. Copy and paste the link address below into your browser to submit and electronic application with required attachments: [https://app.smartsheet.com/b/form?](https://app.smartsheet.com/b/form?EQBCT=53e12ea61d7b4fd7a0839592c0e90603)

[EQBCT=53e12ea61d7b4fd7a0839592c0e90603](https://app.smartsheet.com/b/form?EQBCT=53e12ea61d7b4fd7a0839592c0e90603)



Iowa Summer Institute in Biostatistics

University of Iowa College of Public Health

June 4 – July 22, 2016

The [Iowa Summer Institute in Biostatistics](#) (ISIB) objective is to provide biostatistical training and applied research opportunities to undergraduates. The ISIB is 7 weeks: Instruction will be through case based instruction of real biomedical research; computer laboratory training; projects; and clinical and translational research enrichment activities. Students will be matched with a Biostatistics faculty member for their research projects. The projects will give students exposure to research and opportunities to see medical science in action through biostatistics. After the supervised research, students present their accomplished research during a Research Symposium. Students will also receive advice regarding graduate school programs and the application process, as well career opportunities in the field of biostatistics.

There are no fees or tuition costs associated with participation in the program. Roundtrip transportation, housing and meal allowance will be provided, as well as tuition for the 2 s.h. course. For additional information and online application: <http://www.public-health.uiowa.edu/isib/>.



THE UNIVERSITY OF
CHICAGO

University of Chicago
REU Opportunity

This is a call for applicants to the University of Chicago Mathematics summer REU.

Our REU has been in operation since 2000, but before 2015 it was limited to University of Chicago participants. It generally has around 85 participants each summer. With some NSF RTG funding available, we are now reaching out to the wider community, especially to groups traditionally underrepresented in mathematics.

The REU is run by University of Chicago faculty members and graduate students and is focused on exposing participants to a broad swathe of mathematics at the highest level. It is not focused on original undergraduate research per se, but all participants must write a paper on a topic of their choice. All are closely mentored by graduate students.

Chicago's REU has served as a springboard for current graduate students at most of the top departments of mathematics in the United States. We would like to use the resources of Chicago's research community to reach out to a few ambitious undergraduates with talent and a love of mathematics but without current direct access to such a research community.

For more information and contact information, go to <http://math.uchicago.edu/~may/REU2016>.